BRUHAT BANGALORE MAHANAGARA PALIKE

MEASUREMENT SHEET

PRE-MEASUREMENT

Name of work: Impovements to Roads and Drains at Munibyrappa Layout Chamundeshwari Temple and Surrounding areas in Ward No. 09 (Vidyaranyapura).

Estimated Cost : Rs. 40.00 Lakhs

Job Code: 009-20-000080

Head of Account : P-3296 14th Finance Grant

Name of Agency: Sri R.S Thyagaraj, # 15, Ramachandrapura, Jalahalli (P), Bangalore - 560 013.

Work order No: BBMP/EE/BTP/WO/164/2020-21 Dated: 01-01-2021.

Measurements Recarded on :

Sl. No	Description	No.	L	B1	B2	Av., B	D	Qty	Unit / Rate
1	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications.								Cum
	For Drain Desilting								
	Munibyrappa Garden 2nd Cross R/S	1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	5.00			0.45	0.45	1.01	
	Munibyrappa Garden 2nd Cross L/S								
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	5.00			0.45	0.45	1.01	
	Deshabandunagara 5th Main R/S								
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	10.00			0.45	0.45	2.03	

104.29

Sl. No	Description	No.	L	B1	B2	Av., B	D	Qty	Unit Ra
	Deshabandunagara 8th Main R/S								
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
	Deshabandunagara 8th Main L/S								
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
	Berm Cutting								
	Munibyrappa Garden 2nd Cross R/S	1	15.00			1.00	0.20	3.00	
		1	15.00			0.95	0.25	3.56	
		1	15.00			0.90	0.20	2.70	
		1	15.00			0.85	0.20	2.55	
		1	15.00			0.80	0.15	1.80	
		1	15.00			0.95	0.25	3.56	
		1	15.00			0.75	0.20	2.25	
		1	15.00			0.90	0.30	4.05	
		1	15.00			0.95	0.20	2.85	
		1	15.00			1.00	0.25	3.75	
		1	15.00			1.00	0.20	3.00	
		1	5.00			0.95	0.25	1.19	
	Munibyrappa Garden 2nd Cross L/S								
		1	15.00			1.00	0.20	3.00	
		1	15.00			0.95	0.30	4.28	
		1	15.00			1.00	0.20	3.00	
		1	15.00			0.90	0.20	2.70	
		1	15.00			0.90	0.25	3.38	
		1	15.00			0.85	0.20	2.55	
		1	15.00			0.90	0.25	3.38	
		1	15.00			1.00	0.25	3.75	
		1	15.00			1.10	0.30	4.95	
		1	15.00			1.00	0.25	3.75	
		1	15.00			0.95	0.20	2.85	
		1	5.00			0.90	0.25	1.13	
	Deshabandunagara 5th Main R/S								
		1	15.00			0.95	0.20	2.85	
		1	15.00			1.00	0.25	3.75	
		1	15.00			1.00	0.20	3.00	
		1	15.00			0.95	0.30	4.28	
		1	15.00			0.90	0.25	3.38	
		1	15.00			0.85	0.25	3.19	
		1	15.00			0.90	0.30	4.05	
		1	15.00			0.95	0.25	3.56	
		1	15.00			0.95	0.25	3.56	
		1	15.00			1.00	0.20	3.00	
		1	15.00			0.95	0.25	3.56	
		1	10.00			1.00	0.30	3.00	
	Deshabandunagara 8th Main R/S								
		1	15.00			0.95	0.25	3.56	
		1	15.00			1.00	0.25	3.75	
		1	15.00			0.95	0.25	3.56	
		1	15.00			0.85	0.20	2.55	
		1	15.00			0.95	0.20	2.85	

104.29

289.38

Description	No.	L	B1	B2	Av., B	D	Qty	Unit / Rate
								289.38
	1	15.00			0.90	0.25	3.38	
	1	15.00			0.80	0.25	3.00	
	1	15.00			0.85	0.25	3.19	
	1	15.00			0.90	0.20	2.70	
Deshabandunagara 8th Main L/S								
	1	15.00			0.95	0.25	3.56	
	1	15.00			1.00	0.30	4.50	
	1	15.00			0.90	0.25	3.38	
	1	15.00			0.95	0.25	3.56	
	1	15.00			0.85	0.20	2.55	
	1	15.00			0.90	0.20	2.70	
	1	15.00			1.00	0.25	3.75	
	1	15.00			0.95	0.25	3.56	
	1	15.00			0.90	0.25	3.38	
					Total Qty =		332.58	
					Qty Limited to Tender Qty =		331.31	

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Vidayranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Sl. No	Description	No.	L	B1	B2	Av., B	D	Qty	Unit Rate
	Measurements Recarded on :								
2	Removing and refixing stone slabs of drains and pointing in CM (1:3) etc complete as per specifications.								Sqm
	For Drain								
	Munibyrappa Garden 2nd Cross R/S	1	15.00				1.35	20.25	
		1	15.00				1.35	20.25	
		1	15.00				1.35	20.25	
		1	8.00				1.35	10.80	
		1	15.00				1.35	20.25	
		1	12.00				1.35	16.20	
		1	15.00				1.35	20.25	
		1	15.00				1.35	20.25	
		1	15.00				1.35	20.25	
	Munibyrappa Garden 2nd Cross L/S	1	5.00				1.35	6.75	
		1	15.00				1.35	20.25	
		1	10.00				1.35	13.50	
		1	12.00				1.35	16.20	
		1	15.00				1.35	20.25	
		1	13.00				1.35	17.55	
		1	15.00				1.35	20.25	
		1	12.00				1.35	16.20	
		1	15.00				1.35	20.25	
	Deshabandunagara 5th Main R/S	1	8.00				1.35	10.80	
		1	15.00				1.35	20.25	
		1	15.00				1.35	20.25	
		1	12.00				1.35	16.20	
		1	15.00				1.35	20.25	
		1	15.00				1.35	20.25	
		1	13.00				1.35	17.55	
		1	15.00				1.35	20.25	
		1	15.00				1.35	20.25	
		1	14.00				1.35	18.90	
	Deshabandunagara 8th Main R/S	1	9.00				1.35	12.15	
		1	15.00				1.35	20.25	
		1	12.00				1.35	16.20	
		1	10.00				1.35	13.50	
		1	8.00				1.35	10.80	
		1	15.00				1.35	20.25	
	Deshabandunagara 8th Main L/S	1	8.00				1.35	10.80	
		1	15.00				1.35	20.25	
		1	15.00				1.35	20.25	
		1	12.00				1.35	16.20	
		1	10.00				1.35	13.50	
		1	5.00				1.35	6.75	
							Total Qty =	685.80	
							Qty Limited to Tender Qty =	682.16	

18/8

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Description	No.	L	B1	B2	Av., B	D	Qty	Unit / Rate
Measurements Recarded on :								
4 Providing and laying Plain cement concrete of mix 1:4:8 with with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @ 0.56cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days complete as per specifications								Cum
Drain Flagging Course Bottom Concrete								
Munibyrappa Garden 2nd Cross R/S	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	5.00			0.20	0.10	0.20	
Munibyrappa Garden 2nd Cross L/S								
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	5.00			0.20	0.10	0.20	
Deshabandunagara 5th Main R/S								
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	10.00			0.20	0.10	0.40	
Deshabandunagara 8th Main R/S								
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
Deshabandunagara 8th Main L/S								
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	15.00			0.20	0.10	0.60	
	2	10.00			0.20	0.10	0.40	

31.20

Assistant Executive Engineer
Vijayanagara Sub Division
BWSSB, Bangalore - 0

Sl. No	Description	No.	L	B1	B2	Av., B	D	Qty	Unit Rate
						Total Qty =		31.20	
						Qty Limited to Tender Qty =		31.00	

28/8/24

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Description	No.	L	B1	B2	Av., B	D	Qty	Unit / Rate
Measurements Recarded on :								
7 Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by manual means without disturbing the base and stacking of the debris materials including cost of all labour charges complete as per specifications.								Sqm
Munibyrappa Garden 2nd Cross R/S	1	15.00	0.90	1.00	0.95		14.25	
	1	15.00	1.00	1.10	1.05		15.75	
	1	15.00	1.10	0.90	1.00		15.00	
	1	15.00	0.90	0.95	0.93		13.88	
	1	15.00	0.95	1.00	0.98		14.63	
	1	15.00	1.00	0.90	0.95		14.25	
	1	15.00	0.90	1.00	0.95		14.25	
	1	15.00	1.00	0.95	0.98		14.63	
	1	15.00	0.95	1.00	0.98		14.63	
	1	15.00	1.00	0.90	0.95		14.25	
	1	15.00	0.90	1.00	0.95		14.25	
	1	15.00	1.00	0.80	0.90		13.50	
	1	7.20	0.80	0.75	0.78		5.58	
Munibyrappa Garden 2nd Cross L/S								
	1	15.00	0.95	0.65	0.80		12.00	
	1	15.00	0.65	1.00	0.83		12.38	
	1	15.00	1.00	0.85	0.93		13.88	
	1	15.00	0.85	0.95	0.90		13.50	
	1	15.00	0.95	1.00	0.98		14.63	
	1	15.00	1.00	0.80	0.90		13.50	
	1	15.00	0.80	1.00	0.90		13.50	
	1	15.00	1.00	0.95	0.98		14.63	
	1	15.00	0.95	0.60	0.78		11.63	
	1	15.00	0.60	0.80	0.70		10.50	
	1	15.00	0.80	1.00	0.90		13.50	
	1	15.00	1.00	0.85	0.93		13.88	
	1	7.20	0.85	1.00	0.93		6.66	
Deshabandunagara 5th Main R/S								
	1	15.00	1.00	0.95	0.98		14.63	
	1	15.00	0.95	1.00	0.98		14.63	
	1	15.00	1.00	0.95	0.98		14.63	
	1	15.00	0.95	1.10	1.03		15.38	
	1	15.00	1.10	1.20	1.15		17.25	
	1	15.00	1.20	1.00	1.10		16.50	
	1	15.00	1.00	1.10	1.05		15.75	
	1	15.00	1.10	1.20	1.15		17.25	
	1	15.00	1.20	1.00	1.10		16.50	
	1	15.00	1.00	0.95	0.98		14.63	
	1	15.00	0.95	0.90	0.93		13.88	
	1	2.20	0.90	0.90	0.90		1.98	
Deshabandunagara 5th Main L/S								
	1	15.00	0.75	0.80	0.78		11.63	
	1	15.00	0.80	0.60	0.70		10.50	
	1	15.00	0.60	0.75	0.68		10.13	
	1	15.00	0.75	0.80	0.78		11.63	
	1	15.00	0.80	0.75	0.78		11.63	
	1	15.00	0.75	0.75	0.75		11.25	
	1	15.00	0.75	0.60	0.68		10.13	
	1	15.00	0.60	0.80	0.70		10.50	
	1	15.00	0.80	0.75	0.78		11.63	
	1	15.00	0.75	0.80	0.78		11.63	
	1	15.00	0.80	0.75	0.78		11.63	
	1	2.20	0.75	0.90	0.83		1.82	
Deshabandunagara 8th Main R/S								
	1	15.00	0.90	0.80	0.85		12.75	
	1	15.00	0.80	0.95	0.88		13.13	
	1	15.00	0.95	0.80	0.88		13.13	
	1	15.00	0.80	0.90	0.85		12.75	
	1	15.00	0.90	0.75	0.83		12.38	
	1	15.00	0.75	0.95	0.85		12.75	

Executive Engineer, Bangalore - 91

716.91

Sl. No	Description	No.	L	B1	B2	Av., B	D	Qty	Unit Rate
								716.47	
	Deshabandunagara 8th Main L/S	1	15.00	0.95	0.90	0.93		13.88	
		1	11.00	0.90	0.80	0.85		9.35	
		1	15.00	0.80	0.60	0.70		10.50	
		1	15.00	0.60	0.90	0.75		11.25	
		1	15.00	0.90	0.80	0.85		12.75	
		1	15.00	0.80	0.60	0.70		10.50	
		1	15.00	0.60	0.60	0.60		9.00	
		1	15.00	0.60	0.75	0.68		10.13	
		1	15.00	0.75	0.90	0.83		12.38	
		1	11.00	0.90	0.60	0.75		8.25	
							Total Qty =	824.89	
							Qty Limited to Tender Qty =	822.15	

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Vidayranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Description	No.	L	B1	B2	Av., B	D	Qty	Unit / Rate
Measurements Recarded on :								
8 Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.								Cum
Munibyrappa Garden 2nd Cross R/S	1	15.00	0.90	1.00	0.95	0.25	3.56	
	1	15.00	1.00	1.10	1.05	0.25	3.94	
	1	15.00	1.10	0.90	1.00	0.25	3.75	
	1	15.00	0.90	0.95	0.93	0.25	3.47	
	1	15.00	0.95	1.00	0.98	0.25	3.66	
	1	15.00	1.00	0.90	0.95	0.25	3.56	
	1	15.00	0.90	1.00	0.95	0.25	3.56	
	1	15.00	1.00	0.95	0.98	0.25	3.66	
	1	15.00	0.95	1.00	0.98	0.25	3.66	
	1	15.00	1.00	0.90	0.95	0.25	3.56	
	1	15.00	0.90	1.00	0.95	0.25	3.56	
	1	15.00	1.00	0.80	0.90	0.25	3.38	
	1	7.20	0.80	0.75	0.78	0.25	1.40	
Munibyrappa Garden 2nd Cross L/S								
	1	15.00	0.95	0.65	0.80	0.25	3.00	
	1	15.00	0.65	1.00	0.83	0.25	3.09	
	1	15.00	1.00	0.85	0.93	0.25	3.47	
	1	15.00	0.85	0.95	0.90	0.25	3.38	
	1	15.00	0.95	1.00	0.98	0.25	3.66	
	1	15.00	1.00	0.80	0.90	0.25	3.38	
	1	15.00	0.80	1.00	0.90	0.25	3.38	
	1	15.00	1.00	0.95	0.98	0.25	3.66	
	1	15.00	0.95	0.60	0.78	0.25	2.91	
	1	15.00	0.60	0.80	0.70	0.25	2.63	
	1	15.00	0.80	1.00	0.90	0.25	3.38	
	1	15.00	1.00	0.85	0.93	0.25	3.47	
	1	7.20	0.85	1.00	0.93	0.25	1.67	
Deshabandunagara 5th Main R/S								
	1	15.00	1.00	0.95	0.98	0.25	3.66	
	1	15.00	0.95	1.00	0.98	0.25	3.66	
	1	15.00	1.00	0.95	0.98	0.25	3.66	
	1	15.00	0.95	1.10	1.03	0.25	3.84	
	1	15.00	1.10	1.20	1.15	0.25	4.31	
	1	15.00	1.20	1.00	1.10	0.25	4.13	
	1	15.00	1.00	1.10	1.05	0.25	3.94	
	1	15.00	1.10	1.20	1.15	0.25	4.31	
	1	15.00	1.20	1.00	1.10	0.25	4.13	
	1	15.00	1.00	0.95	0.98	0.25	3.66	
	1	15.00	0.95	0.90	0.93	0.25	3.47	
	1	2.20	0.90	0.90	0.90	0.25	0.50	
Deshabandunagara 5th Main L/S								
	1	15.00	0.75	0.80	0.78	0.25	2.91	
	1	15.00	0.80	0.60	0.70	0.25	2.63	
	1	15.00	0.60	0.75	0.68	0.25	2.53	
	1	15.00	0.75	0.80	0.78	0.25	2.91	
	1	15.00	0.80	0.75	0.78	0.25	2.91	
	1	15.00	0.75	0.75	0.75	0.25	2.81	

145.68

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Sl. No	Description	No.	L	B1	B2	Av., B	D	Qty	Unit Rate
		1	15.00	0.75	0.60	0.68	0.25	2.53	
		1	15.00	0.60	0.80	0.70	0.25	2.63	
		1	15.00	0.80	0.75	0.78	0.25	2.91	
		1	15.00	0.75	0.80	0.78	0.25	2.91	
		1	15.00	0.80	0.75	0.78	0.25	2.91	
	Deshabandunagara 8th Main R/S	1	2.20	0.75	0.90	0.83	0.25	0.45	
		1	15.00	0.90	0.80	0.85	0.25	3.19	
		1	15.00	0.80	0.95	0.88	0.25	3.28	
		1	15.00	0.95	0.80	0.88	0.25	3.28	
		1	15.00	0.80	0.90	0.85	0.25	3.19	
		1	15.00	0.90	0.75	0.83	0.25	3.09	
		1	15.00	0.75	0.95	0.85	0.25	3.19	
		1	15.00	0.95	0.90	0.93	0.25	3.47	
	Deshabandunagara 8th Main L/S	1	11.00	0.90	0.80	0.85	0.25	2.34	
		1	15.00	0.80	0.60	0.70	0.25	2.63	
		1	15.00	0.60	0.90	0.75	0.25	2.81	
		1	15.00	0.90	0.80	0.85	0.25	3.19	
		1	15.00	0.80	0.60	0.70	0.25	2.63	
		1	15.00	0.60	0.60	0.60	0.25	2.25	
		1	15.00	0.60	0.75	0.68	0.25	2.53	
		1	15.00	0.75	0.90	0.83	0.25	3.09	
		1	11.00	0.90	0.60	0.75	0.25	2.06	
							Total Qty =	206.22	
							Qty Limited to Tender Qty =	205.54	

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Vidayranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Description	No.	L	B1	B2	Av., B	D	Qty	Unit / Rate
Measurements Recarded on :								
9 Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.								Sqm
Munibyrappa Garden 2nd Cross R/S	1	15.00	0.90	1.00	0.95		14.25	
	1	15.00	1.00	1.10	1.05		15.75	
	1	15.00	1.10	0.90	1.00		15.00	
	1	15.00	0.90	0.95	0.93		13.88	
	1	15.00	0.95	1.00	0.98		14.63	
	1	15.00	1.00	0.90	0.95		14.25	
	1	15.00	0.90	1.00	0.95		14.25	
	1	15.00	1.00	0.95	0.98		14.63	
	1	15.00	0.95	1.00	0.98		14.63	
	1	15.00	1.00	0.90	0.95		14.25	
	1	15.00	0.90	1.00	0.95		14.25	
	1	15.00	1.00	0.80	0.90		13.50	
	1	7.20	0.80	0.75	0.78		5.58	
Munibyrappa Garden 2nd Cross L/S								
	1	15.00	0.95	0.65	0.80		12.00	
	1	15.00	0.65	1.00	0.83		12.38	
	1	15.00	1.00	0.85	0.93		13.88	
	1	15.00	0.85	0.95	0.90		13.50	
	1	15.00	0.95	1.00	0.98		14.63	
	1	15.00	1.00	0.80	0.90		13.50	
	1	15.00	0.80	1.00	0.90		13.50	
	1	15.00	1.00	0.95	0.98		14.63	
	1	15.00	0.95	0.60	0.78		11.63	
	1	15.00	0.60	0.80	0.70		10.50	
	1	15.00	0.80	1.00	0.90		13.50	
	1	15.00	1.00	0.85	0.93		13.88	
	1	7.20	0.85	1.00	0.93		6.66	
Deshabandunagara 5th Main R/S								
	1	15.00	1.00	0.95	0.98		14.63	
	1	15.00	0.95	1.00	0.98		14.63	
	1	15.00	1.00	0.95	0.98		14.63	
	1	15.00	0.95	1.10	1.03		15.38	
	1	15.00	1.10	1.20	1.15		17.25	
	1	15.00	1.20	1.00	1.10		16.50	
	1	15.00	1.00	1.10	1.05		15.75	
	1	15.00	1.10	1.20	1.15		17.25	
	1	15.00	1.20	1.00	1.10		16.50	
	1	15.00	1.00	0.95	0.98		14.63	
	1	15.00	0.95	0.90	0.93		13.88	
	1	2.20	0.90	0.90	0.90		1.98	
Deshabandunagara 5th Main L/S								
	1	15.00	0.75	0.80	0.78		11.63	
	1	15.00	0.80	0.60	0.70		10.50	
	1	15.00	0.60	0.75	0.68		10.13	
	1	15.00	0.75	0.80	0.78		11.63	
	1	15.00	0.80	0.75	0.78		11.63	
	1	15.00	0.75	0.75	0.75		11.25	
	1	15.00	0.75	0.60	0.68		10.13	

592.85

Assistant Executive Engineer
Jayanagara Sub Division
BBMP, Bangalore - 0

Sl. No	Description	No.	L	B1	B2	Av., B	D	Qty	Unit Rate
		1	15.00	0.60	0.80	0.70		10.50	
		1	15.00	0.80	0.75	0.78		11.63	
		1	15.00	0.75	0.80	0.78		11.63	
		1	15.00	0.80	0.75	0.78		11.63	
	Deshabandunagara 8th Main R/S	1	2.20	0.75	0.90	0.83		1.82	
		1	15.00	0.90	0.80	0.85		12.75	
		1	15.00	0.80	0.95	0.88		13.13	
		1	15.00	0.95	0.80	0.88		13.13	
		1	15.00	0.80	0.90	0.85		12.75	
		1	15.00	0.90	0.75	0.83		12.38	
		1	15.00	0.75	0.95	0.85		12.75	
		1	15.00	0.95	0.90	0.93		13.88	
	Deshabandunagara 8th Main L/S	1	11.00	0.90	0.80	0.85		9.35	
		1	15.00	0.80	0.60	0.70		10.50	
		1	15.00	0.60	0.90	0.75		11.25	
		1	15.00	0.90	0.80	0.85		12.75	
		1	15.00	0.80	0.60	0.70		10.50	
		1	15.00	0.60	0.60	0.60		9.00	
		1	15.00	0.60	0.75	0.68		10.13	
		1	15.00	0.75	0.90	0.83		12.38	
		1	11.00	0.90	0.60	0.75		8.25	
							Total Qty =	824.89	
							Qty Limited to Tender Qty =	822.15	

10/11/22

Assistant Engineer
Ward No. 09

10/11/22

Assistant Executive Engineer
Vidayranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Description	No.	L	B1	B2	Av., B	D	Qty	Unit / Rate
Measurements Recarded on :								
10 Providing and laying **bituminous macadam** on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixd material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications. MORTH /Chapter 5 - using **40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 3.3 % VG-30 Bitumen**								Cum
Munibyrappa Garden 2nd Cross R/S	1	15.00	0.90	1.00	0.95	0.05	0.71	
	1	15.00	1.00	1.10	1.05	0.05	0.79	
	1	15.00	1.10	0.90	1.00	0.05	0.75	
	1	15.00	0.90	0.95	0.93	0.05	0.69	
	1	15.00	0.95	1.00	0.98	0.05	0.73	
	1	15.00	1.00	0.90	0.95	0.05	0.71	
	1	15.00	0.90	1.00	0.95	0.05	0.71	
	1	15.00	1.00	0.95	0.98	0.05	0.73	
	1	15.00	0.95	1.00	0.98	0.05	0.73	
	1	15.00	1.00	0.90	0.95	0.05	0.71	
	1	15.00	0.90	1.00	0.95	0.05	0.71	
	1	15.00	1.00	0.80	0.90	0.05	0.68	
	1	7.20	0.80	0.75	0.78	0.05	0.28	
Munibyrappa Garden 2nd Cross L/S								
	1	15.00	0.95	0.65	0.80	0.05	0.60	
	1	15.00	0.65	1.00	0.83	0.05	0.62	
	1	15.00	1.00	0.85	0.93	0.05	0.69	
	1	15.00	0.85	0.95	0.90	0.05	0.68	
	1	15.00	0.95	1.00	0.98	0.05	0.73	
	1	15.00	1.00	0.80	0.90	0.05	0.68	
	1	15.00	0.80	1.00	0.90	0.05	0.68	
	1	15.00	1.00	0.95	0.98	0.05	0.73	
	1	15.00	0.95	0.60	0.78	0.05	0.58	
	1	15.00	0.60	0.80	0.70	0.05	0.53	
	1	15.00	0.80	1.00	0.90	0.05	0.68	
	1	15.00	1.00	0.85	0.93	0.05	0.69	
	1	7.20	0.85	1.00	0.93	0.05	0.33	
Deshabandunagara 5th Main R/S								
	1	15.00	1.00	0.95	0.98	0.05	0.73	
	1	15.00	0.95	1.00	0.98	0.05	0.73	
	1	15.00	1.00	0.95	0.98	0.05	0.73	
	1	15.00	0.95	1.10	1.03	0.05	0.77	
	1	15.00	1.10	1.20	1.15	0.05	0.86	
	1	15.00	1.20	1.00	1.10	0.05	0.83	
	1	15.00	1.00	1.10	1.05	0.05	0.79	
	1	15.00	1.10	1.20	1.15	0.05	0.86	
	1	15.00	1.20	1.00	1.10	0.05	0.83	
	1	15.00	1.00	0.95	0.98	0.05	0.73	
	1	15.00	0.95	0.90	0.93	0.05	0.69	
	1	2.20	0.90	0.90	0.90	0.05	0.10	
Deshabandunagara 5th Main L/S								
	1	15.00	0.75	0.80	0.78	0.05	0.58	
	1	15.00	0.80	0.60	0.70	0.05	0.53	
	1	15.00	0.60	0.75	0.68	0.05	0.51	
	1	15.00	0.75	0.80	0.78	0.05	0.58	

27.99

Sl. No	Description	No.	L	B1	B2	Av., B	D	Qty	Un Rate
		1	15.00	0.80	0.75	0.78	0.05	0.58	
		1	15.00	0.75	0.75	0.75	0.05	0.56	
		1	15.00	0.75	0.60	0.68	0.05	0.51	
		1	15.00	0.60	0.80	0.70	0.05	0.53	
		1	15.00	0.80	0.75	0.78	0.05	0.58	
		1	15.00	0.75	0.80	0.78	0.05	0.58	
		1	15.00	0.80	0.75	0.78	0.05	0.58	
	Deshabandunagara 8th Main R/S	1	2.20	0.75	0.90	0.83	0.05	0.09	
		1	15.00	0.90	0.80	0.85	0.05	0.64	
		1	15.00	0.80	0.95	0.88	0.05	0.66	
		1	15.00	0.95	0.80	0.88	0.05	0.66	
		1	15.00	0.80	0.90	0.85	0.05	0.64	
		1	15.00	0.90	0.75	0.83	0.05	0.62	
		1	15.00	0.75	0.95	0.85	0.05	0.64	
		1	15.00	0.95	0.90	0.93	0.05	0.69	
	Deshabandunagara 8th Main L/S	1	11.00	0.90	0.80	0.85	0.05	0.47	
		1	15.00	0.80	0.60	0.70	0.05	0.53	
		1	15.00	0.60	0.90	0.75	0.05	0.56	
		1	15.00	0.90	0.80	0.85	0.05	0.64	
		1	15.00	0.80	0.60	0.70	0.05	0.53	
		1	15.00	0.60	0.60	0.60	0.05	0.45	
		1	15.00	0.60	0.75	0.68	0.05	0.51	
		1	15.00	0.75	0.90	0.83	0.05	0.62	
		1	11.00	0.90	0.60	0.75	0.05	0.41	
							Total Qty =		41.24
							Qty Limited to Tender Qty =		41.11

10/11/22

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Vidayranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Description	No.	L	B1	B2	Av., B	D	Qty	Unit / Rate
Measurements Recarded on :								
11 Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications.								Sqm
Munibyrappa Garden 2nd Cross	1	15.00	4.40	4.90	4.65		69.75	
	1	15.00	4.90	4.70	4.80		72.00	
	1	15.00	4.70	4.50	4.60		69.00	
	1	15.00	4.50	4.40	4.45		66.75	
	1	15.00	4.40	3.80	4.10		61.50	
	1	15.00	3.80	5.00	4.40		66.00	
	1	15.00	5.00	4.60	4.80		72.00	
	1	15.00	4.60	4.80	4.70		70.50	
	1	15.00	4.80	5.00	4.90		73.50	
	1	15.00	5.00	4.20	4.60		69.00	
	1	15.00	4.20	5.40	4.80		72.00	
	1	15.00	5.40	4.90	5.15		77.25	
	1	7.20	4.90	3.90	4.40		31.68	
Deshabandunagara 5th Main								
	1	15.00	7.90	6.40	7.15		107.25	
	1	15.00	6.40	5.50	5.95		89.25	
	1	15.00	5.50	4.90	5.20		78.00	
	1	15.00	4.90	4.50	4.70		70.50	
	1	15.00	4.50	4.50	4.50		67.50	
	1	15.00	4.50	4.80	4.65		69.75	
	1	15.00	4.80	4.00	4.40		66.00	
	1	15.00	4.00	4.30	4.15		62.25	
	1	15.00	4.30	4.20	4.25		63.75	
	1	15.00	4.20	4.40	4.30		64.50	
	1	15.00	4.40	5.20	4.80		72.00	
	1	2.20	5.20	5.60	5.40		11.88	
Deshabandunagara 8th Main	1	15.00	4.80	2.80	3.80		57.00	
	1	15.00	2.80	3.80	3.30		49.50	
	1	15.00	3.80	3.30	3.55		53.25	
	1	15.00	3.30	4.30	3.80		57.00	
	1	15.00	4.30	3.70	4.00		60.00	
	1	15.00	3.70	3.70	3.70		55.50	
	1	15.00	3.70	3.50	3.60		54.00	
	1	11.00	3.50	3.20	3.35		36.85	
Pot Holes	1	5.50			2.20		12.10	
	1	4.20			1.80		7.56	
	1	3.50			1.90		6.65	
	1	3.00			2.00		6.00	
	1	6.50			3.20		20.80	
	1	8.50			4.50		38.25	
	1	6.10			2.90		17.69	
	1	5.50			7.20		39.60	
	1	4.50			3.50		15.75	
	1	12.50			5.50		68.75	
						Total Qty =	2349.81	
						Qty Limited to Tender Qty =	2349.00	

10/1/22

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97